



# **STIC Search Report**

**EIC 1700**

**STIC Database Tracking Number: 186941**

**TO: Kuo-Liang Peng**  
**Location: REM 10A71**  
**Art Unit : 1712**  
**April 25, 2006**

**Case Serial Number: 10/817440**

**From: Mrs. Kendra Banks**  
**Location: EIC 1700**  
**REMSSEN 4B28**  
**Phone: 571/272-2516**  
**Kendra.Banks@uspto.gov**

## **Search Notes**

No Cases Reported

US 6,362,289

Peng, Kuo-Liang

186941

**From:** Dunn, Tom  
**Sent:** Friday, April 21, 2006 3:50 PM  
**To:** Peng, Kuo-Liang; Gulakowski, Randy  
**Cc:** Krynski, William; Dunn, Tom  
**Subject:** 1712 Reissue 10/817,440 due back no later than Friday 5/5 to 8A30

Kuo-Liang:

I am returning this reissue back to you via your SPE's mailbox. You set it up as an allowance but it cannot be allowed at this time.

- There is no indication that a litigation search has been performed. Please contact the STIC and have them perform a search. Include the search with your office action.
- On your Issue Classification sheet, you indicate that claim 1 should be published in the OG. However, in a reissue application, a corrected claim should be selected for publication (see MPEP 1455 IV)
- You will also need to include an Form 892 listing all of the references that were cited and are present on the face of the patent.

If you have any questions, please let me know.

Thanks,  
Tom

6 362 289

SCIENTIFIC REFERENCE BR  
Sci & Tech Inf - Cnt  
APR 24 2006  
Pat. & T.M. Office

**Current session 25/04/2006**

(C) QUESTEL 1994

QUESTEL.ORBITE (TM) 1998

25/04/06 14\*32\*35

Last connection: 23/04/06 18\*15\*21

WELCOME to QUESTEL.ORBITE- Your Guide to INTELLECTUAL PROPERTY  
www.questel.orbit.com -Gateway, documentation & IP resource  
-Times of operation of Questel.Orbit service, see INFO HOURS  
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-PatentExaminer enhancement: integration of FamPat database  
-IPC version 8 information : see our website documentation  
-GBFULL: Fulltext GB Applications released -see Fact Sheet  
-2006 Euro and US Dollar price lists available from website  
-FamPat: key full text content added; see details on website  
..FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,75

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.84 USD
Cost estimated for the last database search :	0.84 USD
Estimated total session cost :	0.84 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database  
Individual records for each Country or Patent Office  
Coverage: 75 patenting authorities; start dates vary from 1800 forward  
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website  
Now available: Citations / Search Reports for German (DE) documents  
Last update of file: 2006/04/19 (YYYY/MM/DD) 2006-15/UP (last update)

Search statement 1

**Query/Command : US6362289/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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*1/1 PLUSPAT - ©QUESTEL-ORBIT***PN** - US6362289 B1 20020326 [US6362289]**TI** - (B1) High temperature elastomers from linear poly(silarylene-siloxane-acetylene)

**PA** - (B1) US NAVY (US)  
**PA0** - The United States of America as represented by the Secretary of the Navy, Washington DC [US]  
**IN** - (B1) KELLER TEDDY M (US); HOMRIGHAUSEN CRAIG (US)  
**AP** - US62527100 20000725 [2000US-0625271]  
**PR** - US62527100 20000725 [2000US-0625271]  
**IC** - (B1) C08L-083/08 C08L-083/14  
**ICAA** - C08G-077/50 [2006-01 A - I R M EP]; C08L-083/14 [2006-01 A - I R M EP]  
**ICCA** - C08G-077/00 [2006 C - I R M EP]; C08L-083/00 [2006 C - I R M EP]  
**EC** - C08G-077/50  
 C08L-083/14  
**PCL** - ORIGINAL (O) : 525477000; CROSS-REFERENCE (X) : 528032000  
 528034000 528035000 528038000 528043000 556410000 556431000  
 585416000  
**DT** - Corresponding document  
**CT** - US5346980; US5563181; USH001612; US5578380; US5874514; WO9321278  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**AB** - A linear polymer has repeating units represented by the formula (Chemical Structure image '1' not included in text)  
 wherein  
 (a) n is an integer greater than or equal to 0,  
 (b) x is an integer greater than or equal to 1, and (Chemical Structure image '2' not included in text)  
 represents an unconjugated acetylenic group when x is equal to 1 or conjugated acetylenic groups when x is greater than 1;  
 (c) Ar is an aromatic group, and  
 (c) R1, R2, R3, R4, R5, R6, R7 and R8 are independently selected from the group consisting of alkyl, aryl, alkylaryl, haloalkyl, haloaryl and mixtures thereof. The linear polymer may be thermally cured to form a crosslinked polymer.  
**UP** - 2002-14

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1 / 1 LGST - ©EPO

**PN** - US6362289 B1 20020326 [US6362289]  
**AP** - US62527100 20000725 [2000US-0625271]  
**ACT** - 20000908 US/AS-A  
 ASSIGNMENT  
 OWNER: THE UNITED STATES OF AMERICA AS REPRESENTED BY  
 THE; EFFECTIVE DATE: 20000725  
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER,  
 TEDDY;HONRIGHAUSEN, CRAIG;REEL/FRAME:011182/0118  
  
 20041026 US/RF-A  
 REISSUE APPLICATION FILED  
 EFFECTIVE DATE: 20040325  
**UP** - 2004-46

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1/1 CRXX-©CLAIMS/RRX

PN - 6,362,289 A 20020326 [US6362289]  
PA - U S of America Navy Secretary of  
ACT - 20040325 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20041026  
REISSUE REQUEST NUMBER: 10/817440  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1712

Reissue Patent Number:

Search statement 2

**Query/Command : FILE INPADOC**

LGST - Time in minutes : 0,11

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.14 USD
Records displayed and billed :	1
Estimated cost :	0.68 USD
Cost estimated for the last database search :	0.82 USD
Estimated total session cost :	1.66 USD

CRXX - Time in minutes : 0,06

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.11 USD
Records displayed and billed :	1
Estimated cost :	5.80 USD
Cost estimated for the last database search :	5.91 USD
Estimated total session cost :	7.57 USD

LITA - Time in minutes : 0,04

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.10 USD
Cost estimated for the last database search :	0.10 USD
Estimated total session cost :	7.67 USD

PLUSPAT - Time in minutes : 0,50

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	1.41 USD
Records displayed and billed :	1
Estimated cost :	1.49 USD
Cost estimated for the last database search :	2.90 USD
Estimated total session cost :	10.57 USD

Selected file: INPADOC

INPADOC International Patent Documentation Center  
Source: European Patent Office - EPIDOS

Individual publication stage records for each Patenting Authority  
Coverage: 75 patent offices ; start dates vary from 1968 forward  
Current through weekly update 2006-16/up ; last update 2006/04/21  
IPC Classes: for searching prior to 2006, use the qualifier: /IC  
For searching IPC v8 (pd>=2006), use the qualifiers: /ICAA /ICCA

Search statement 1

**Query/Command : FAM US6362289/PN**

1 Patent Groups

**\*\* SS 1: Results 7**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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*1 / 7 INPADOC - ©INPADOC*

**PN** - AU 200182960 A5 20020205 [AU200182960]  
**TI** - High temperature elastomers from linear poly (silarylene-siloxane-acetylene)  
**IN** - KELLER TEDDY M; HOMRIGHAUSEN CRAIG  
**PA** - US GOVERNMENT  
**AP** - AU 82960/01-A 20010725 [2001AU-0082960]  
**PR** - US 625271/00-A 20000725 [2000US-0625271]  
WO 200123304/01(US)-W 20010725 [2001WO-US23304]  
**IC** - C08G-077/20

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*2 / 7 INPADOC - ©INPADOC*

**PN** - US 6362289 BA 20020326 [US6362289]  
**TI** - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY  
(SILARYLENE-SILOXANE-ACETYLENE)  
**IN** - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
**PA** - US NAVY [US]  
**AP** - US 625271/00-A 20000725 [2000US-0625271]  
**PR** - US 625271/00-A 20000725 [2000US-0625271]  
**IC** - C08L-083/08; C08L-083/14

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*1 / 1 LEGALI - ©EPO*

**PN** - US6362289 B1 20020326 [US6362289]  
**AP** - US62527100 20000725 [2000US-0625271]  
**ACTE** - 20000908 US/AS-A  
ASSIGNMENT

OWNER: THE UNITED STATES OF AMERICA AS REPRESENTED BY  
THE; EFFECTIVE DATE: 20000725  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER,  
TEDDY;HONRIGHAUSEN, CRAIG;REEL/FRAME:011182/0118

20041026 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040325

UP - 2004-46

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3 / 7 INPADOC - ©INPADOC

PN - US 2003045654 AA 20030306 [US20030045654]  
TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY  
(SILARYLENE-SILOXANE-ACETYLENE)  
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
PA - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
AP - US 46296/02-A 20020116 [2002US-0046296]  
PR - US 46296/02-A 20020116 [2002US-0046296]  
US 625271/00-A3 20000725 [2000US-0625271]  
IC - C08G-077/00

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1 / 1 LEGALI - ©EPO

PN - US2003045654 A1 20030306 [US20030045654]US6579955 B2 20030617  
[US6579955]  
AP - US4629602 20020116 [2002US-0046296]  
ACTE - 20030213 US/AS-A  
ASSIGNMENT  
OWNER: NAVY, THE UNITED STATES OF AMERICA AS  
REPRESENTED; EFFECTIVE DATE: 20000725  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY  
M.;HOMRIGHAUSEN, CRAIG;REEL/FRAME:013755/0246  
  
20040928 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040325  
UP - 2004-53

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4 / 7 INPADOC - ©INPADOC

PN - US 6579955 BB 20030617 [US6579955]  
TI - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY  
(SILARYLENE-SILOXANE-ACETYLENE)  
IN - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
PA - US NAVY [US]  
AP - US 46296/02-A 20020116 [2002US-0046296]

**PR** - US 46296/02-A 20020116 [2002US-0046296]  
US 625271/00-A3 20000725 [2000US-0625271]  
**IC** - C08G-077/44

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*1 / 1 LEGALI - ©EPO*

**PN** - US2003045654 A1 20030306 [US20030045654]US6579955 B2 20030617  
[US6579955]  
**AP** - US4629602 20020116 [2002US-0046296]  
**ACTE** - 20030213 US/AS-A  
ASSIGNMENT  
OWNER: NAVY, THE UNITED STATES OF AMERICA AS  
REPRESENTED; EFFECTIVE DATE: 20000725  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY  
M.;HOMRIGHAUSEN, CRAIG;REEL/FRAME:013755/0246  
  
20040928 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040325  
**UP** - 2004-53

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*5 / 7 INPADOC - ©INPADOC*

**PN** - US 2003158353 AA 20030821 [US20030158353]  
**TI** - High temperature elastomers from linear poly(silarylene-siloxane-acetylene)  
**IN** - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
**PA** - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
**AP** - US 364632/03-A 20030212 [2003US-0364632]  
**PR** - US 364632/03-A 20030212 [2003US-0364632]  
US 46296/02-A3 20020116 [2002US-0046296]  
US 625271/00-A3 20000725 [2000US-0625271]  
**IC** - C08G-077/00

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*1 / 1 LEGALI - ©EPO*

**PN** - US2003158353 A1 20030821 [US20030158353]US6784259 B2 20040831  
[US6784259]  
**AP** - US36463203 20030212 [2003US-0364632]  
**ACTE** - 20040910 US/AS-A  
ASSIGNMENT  
OWNER: UNITED STATES OF AMERICA AS REPRESENTED BY THE  
SEC; EFFECTIVE DATE: 20000725  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY  
M. /AR;REEL/FRAME:015117/0442  
**UP** - 2005-40

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*6 / 7 INPADOC - ©INPADOC*



**PN** - US 6784259 BB 20040831 [US6784259]  
**TI** - High temperature elastomers from linear poly(silarylene-siloxane-acetylene)  
**IN** - KELLER TEDDY M [US]; HOMRIGHAUSEN CRAIG [US]  
**PA** - US NAVY [US]  
**AP** - US 364632/03-A 20030212 [2003US-0364632]  
**PR** - US 364632/03-A 20030212 [2003US-0364632]  
       US 46296/02-A3 20020116 [2002US-0046296]  
       US 625271/00-A3 20000725 [2000US-0625271]  
**IC** - C08G-077/38

## 1 / 1 LEGALI - ©EPO

**PN** - US2003158353 A1 20030821 [US20030158353]US6784259 B2 20040831  
       [US6784259]  
**AP** - US36463203 20030212 [2003US-0364632]  
**ACTE** - 20040910 US/AS-A  
       ASSIGNMENT  
       OWNER: UNITED STATES OF AMERICA AS REPRESENTED BY THE  
       SEC; EFFECTIVE DATE: 20000725  
       ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KELLER, TEDDY  
       M. /AR;REEL/FRACTION:015117/0442  
**UP** - 2005-40

## 7 / 7 INPADOC - ©INPADOC

**PN** - WO 200208315 A1 20020131 [WO200208315]  
**TI** - HIGH TEMPERATURE ELASTOMERS FROM LINEAR POLY  
       (SILARYLENE-SILOXANE-ACETYLENE)  
       ELASTOMERES HAUTE TEMPERATURE DE POLY (SILARYLENE-  
       SILOXANE-ACETYLENE) LINEAIRE  
**LA** - ENG  
**IN** - KELLER TEDDY M; HOMRIGHAUSEN CRAIG  
**PA** - US GOVERNMENT [US]  
**AP** - WO US 200123304/01(US)-A 20010725 [2001WO-US23304]  
**PR** - US 625271/00-A 20000725 [2000US-0625271]  
**IC** - C08G-077/20  
**DS** - AE\* AG\* AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* BZ\* CA\* CH\*  
       CN\* CO\* CR\* CU\* CZ\* DE\* DK\* DM\* DZ\* EC\* EE\* ES\* FI\* GB\* GD\*  
       GE\* GH\* GM\* HR\* HU\* ID\* IL\* IN\* IS\* JP\* KE\* KG\* KP\* KR\* KZ\* LC\*  
       LK\* LR\* LS\* LT\* LU\* LV\* MA\* MD\* MG\* MK\* MN\* MW\* MX\* MZ\*  
       NO\* NZ\* PL\* PT\* RO\* RU\* SD\* SE\* SG\* SI\* SK\* SL\* TJ\* TM\* TR\* TT\*  
       TZ\* UA\* UG\* UZ\* VN\* YU\* ZA\* ZW\* GH GM KE LS MW MZ SD SL SZ  
       TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI  
       FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW  
       ML MR NE SN TD TG

1 / 1 LEGALI - ©EPO

**PN** - WO200208315 A1 20020131 [WO200208315]

**AP** - WOUS0123304 20010725 [2001WO-US23304]

**ACTE** - 20020131 WO/AK [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH  
SEARCH REPORT

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW

20020131 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20020327 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS  
DESIGNATED IN THIS APPLICATION

20030109 WO/REG; DE/8642 [-]

DE: IMPACT ABOLISHED FOR DE  
<DE>

20031110 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:  
RU 2003132470 [2003RU-0132470]

20031111 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:  
RU 2003132683 [2003RU-0132683]

20040128 WO/122 [-]

EP: PCT APP. NOT ENT. EUROP. PHASE

20050606 WO/NENP

NON-ENTRY INTO THE NATIONAL PHASE IN:  
<JP>

**UP** - 2005-27

Search statement 2

PATNO IS 6362289

DATE: APRIL 25, 2006  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 6362289

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6362289 , March 26, 2002 , High temperature elastomers from linear poly(silarylene-siloxane- acetylene), Keller, Teddy M. - Fairfax Station, Virginia; Homrighausen, Craig - Lorton, Virginia, 625271 (09), The United States of America as represented by the Secretary of the Navy, Washington, D.C., 06, September 8, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY. OFFICE OF COUNSEL (ATTN: CODE OOCIP) 800 NORTH QUINCY STREET, BALLSTON TOWER ONE ARLINGTON VIRGINIA 22217, Reel and Frame Number: 11182/0118

CORE TERMS: linear, polymer, sample, poly, silarylene-siloxane-acetylene, curing, synthesis, minute, butadiyne, toluene ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6362289

March 26, 2002

High temperature elastomers from linear  
poly(silarylene-siloxane- acetylene)

REISSUE: March 25, 2004 - Reissue Application filed Ex. Gp.: 1712; Re. S.N.  
10/817,440 (O.G. October 26, 2004)

APPL-NO: 625271 (09)

FILED-DATE: July 25, 2000

GRANTED-DATE: March 26, 2002

CORE TERMS: linear, polymer, sample, poly, silarylene-siloxane-acetylene,  
curing, synthesis, minute, butadiyne; toluene ...

6362289 OR 6,362,289

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6362289 OR 6,362,289

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

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Patent Search - Number: 6362289

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